

FIG. 1

B GGGATTTAGTGTAGCCATGAGC * 432
1321 ATTACATTTTACCGTGAATGCAAGAACAGTATTTATACATTTAAAGGTCAATACAGAACCTATAATGGCAGGTTAGGGTACCATGAAATTTAATGTCATAA
1441 TGTCTAGGTGTTAGTATTTACATAGCAGTTACTGATTTGTTATTTGCTTAAACCCAGTTACAGCTAACACACAGGGCATTTTCTCAATGGCACATCCATTGCGC
1561 TCTGAGGAGAACATTGTTCTTATGGCTTGAACCTGTCAGTGTAGAGCTGAGCTGAACTTCTGGCTTACACACCTGGTACATGAGCATATGAA
1681 AATATGACTCATTAAATCTAGTAAAGTCACTGTCAGAATGATAGCTGGTCAATTATCTGCAATAAACACATTAGATGTTATTTATTTAATGAGTAAATGTCATT
1801 CTGGTACCTGATCACATTGGCTAGTTTGGTCATAGACAGCCATCATACATTAGTCAGAGTAAATCAGGCAATTAAACAACTCAATGAGCCATGAGTGTGACAATCAGAA
1921 GTGACTGCACTGAAATCAACATTGTCATACAGTCACATTGGTCAAAAGCTGGCTTATCCAGGAAGGGCATTTTTACTCATCTGGGATTAAATGCCACTTCAATTGGA
2041 ACTTCAGGTCAACAAAATAGTGGCATTTAACATCTGGTCTTACATCCCCCTAAATACCTGGCTTATTTACTGGCTTATTTTCTTCAATTGGA

FIG.2

A

Xenopus	1:ME-LLHTFCGGRWTL	LUFTGILCFVVARGV	GYYPRFSPFFF	LCTHHGELEGDGEQGEVLI	59
mouse	1:..RGCWAPRALVLA..	LLAT..RAP..AT	.....	.....	58
human	1:RSGWARQTFLA..	LGATL..RAP..AA	.....	.....	57
Xenopus	60:SLHLAGNPSYYIIP	PGQEYHVTISTSTFFDGLLVTGLYTSTS	QASQSIGGS	AFGFGIMSD	119
mouse	59:...I..I..M	.....	I..S	.....	118
human	58:...I..I..M	.....	.....	.....	117
Xenopus	120:RQFGIQFMCSVVA	SHVSHLPITNL	SFMIA	APPAGTCGVNF	179
mouse	119:H..N	.....	.....	.....	178
human	118:H..N	.....	.....	.....	177
Xenopus	180:CEQGAPTEAPLRPN	LAEIHSES	IILR	DDFDSYKLQE	239
mouse	179:...TAYSH..	.....D..VI	.....	QQL.....	238
human	178:...DVTVH..H	.....D..I	.....	HQLQ.....	237
Xenopus	240:GAVTFCDPYGP	PRELITVQ	QMNTT	ASVQLQFSIGSG	299
mouse	239:N.....E	.....T..TCL	.....	CRFSYS	298
human	238:N.....E	.....T..TGL	.....	SDPGM	297
Xenopus	300:ERISAPS	SNVSTI	IHI	YLPEAKG	359
mouse	299:K..R.....V	.....L..E	.....	NKPRQ	358
human	298:K..R.....V	.....L..ED	.....	ENMQAD	357
.....	.....	.....	.....	QVYEACHWALDNII	.....
Xenopus	360:IVL	TEONLDF	MDTGNWL	FFPGATVKHIT	419
mouse	359:....V	.....	.....	QSDGNSTIYFHGT	418
human	358:....S	.....V	.....	ESSEYNFAT	417
.....	.....	.....	.....	TRDVLSS	.....
Xenopus	420:DQWSEEEF	NLPIAGME	IVGAVIG	TECGHII	479
mouse	419:E.....SQ..T..D..L..V..AD..V..	.....	.....	ESGSEI	478
human	418:E.....SQ..T..DVL..	.....	.....	FLRDGER	477
.....	.....	.....	.....	YV	.....
Xenopus	480:FIMGMESPGE	HENDVILYAC	TDGRKEHII	IMOTLAFSSYKV	539
mouse	479:M.....I..D..M..I..K..E..	.....	.....	TSLSVSAV	538
human	478:M.....I..D..N..I..K..E..	.....	.....	ISPDQLQTPATK	537
.....
Xenopus	540:FC	LKOTSFRGHNL	NVWAVDFV	IVLPVLPSTI	599
mouse	539:R..K..Q..M..R..F..	.....	.....	ESHMQFSINLGC	598
human	538:R..K..Q..M..R..F..	.....	.....	GSHQPGNSVSLE	597
.....	.....	.....	.....	STNR	.....
Xenopus	600:GRSW	SCLHSE	CLPBLCA	QSPLPAS	.....
mouse	599:.....I..I..P..	.....	.....	.....	.....
human	598:.....I..I..P..	.....	.....	.....	.....

B

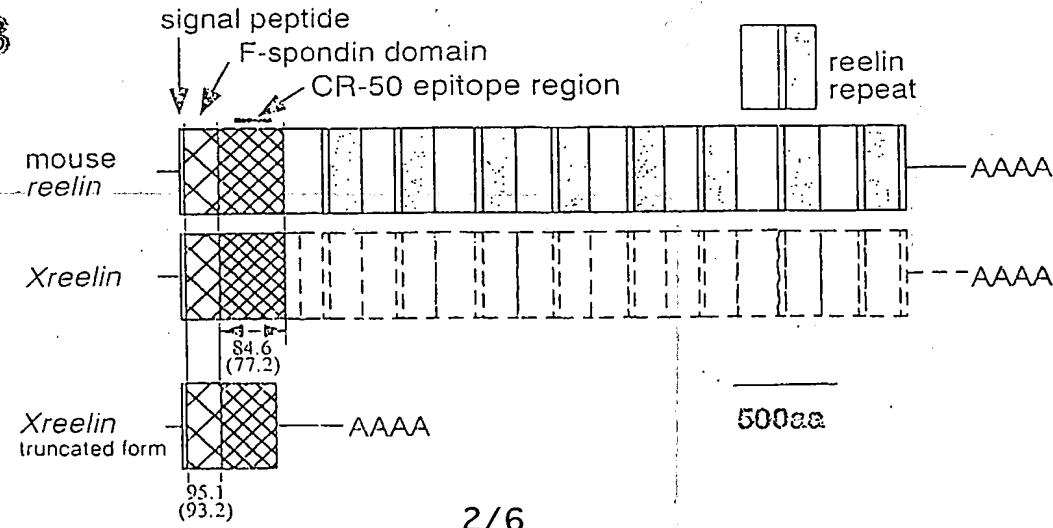


FIG.3

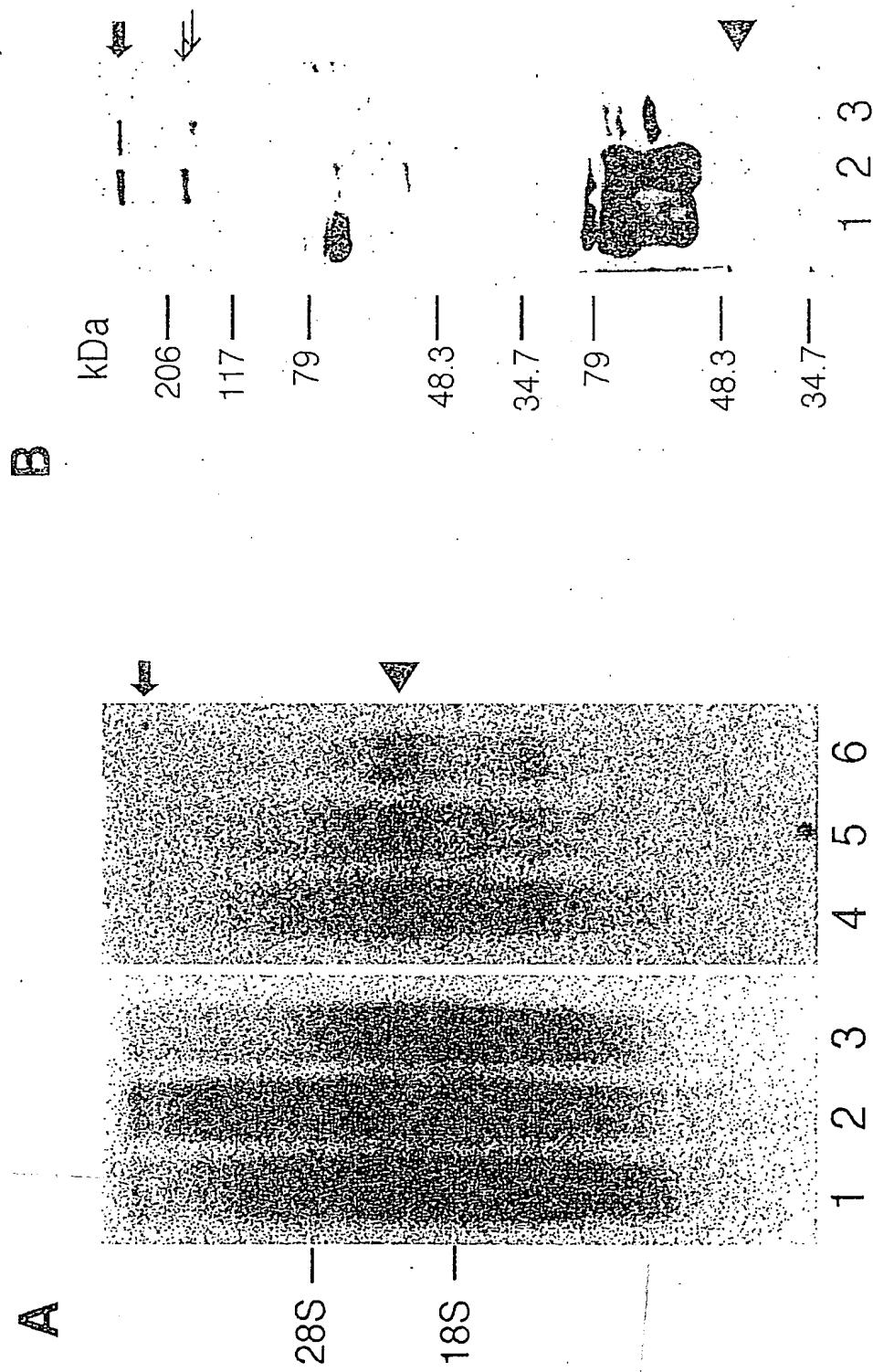


FIG.4

intact and truncated forms

truncated form

Histon H4

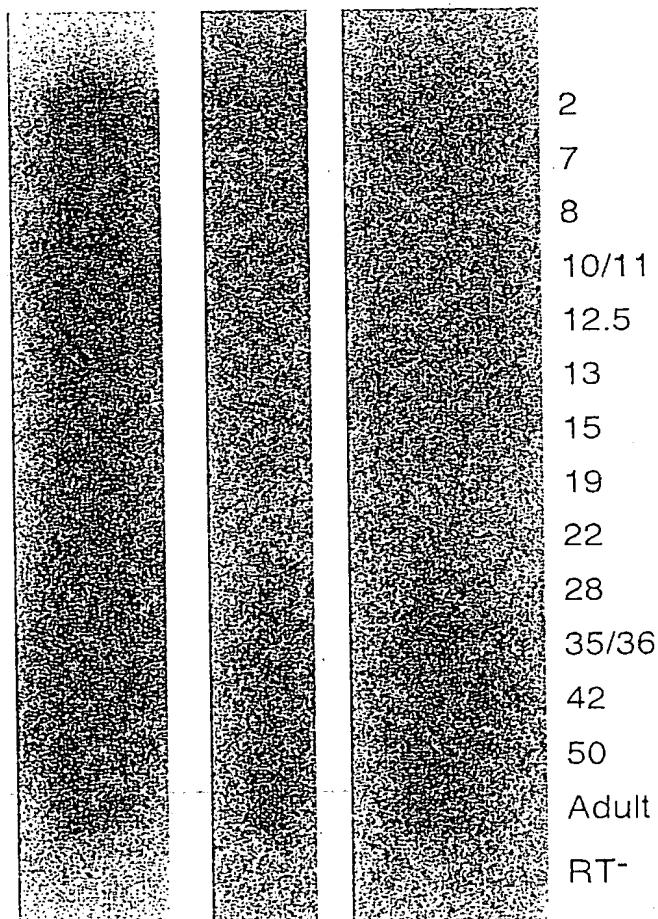


FIG.5

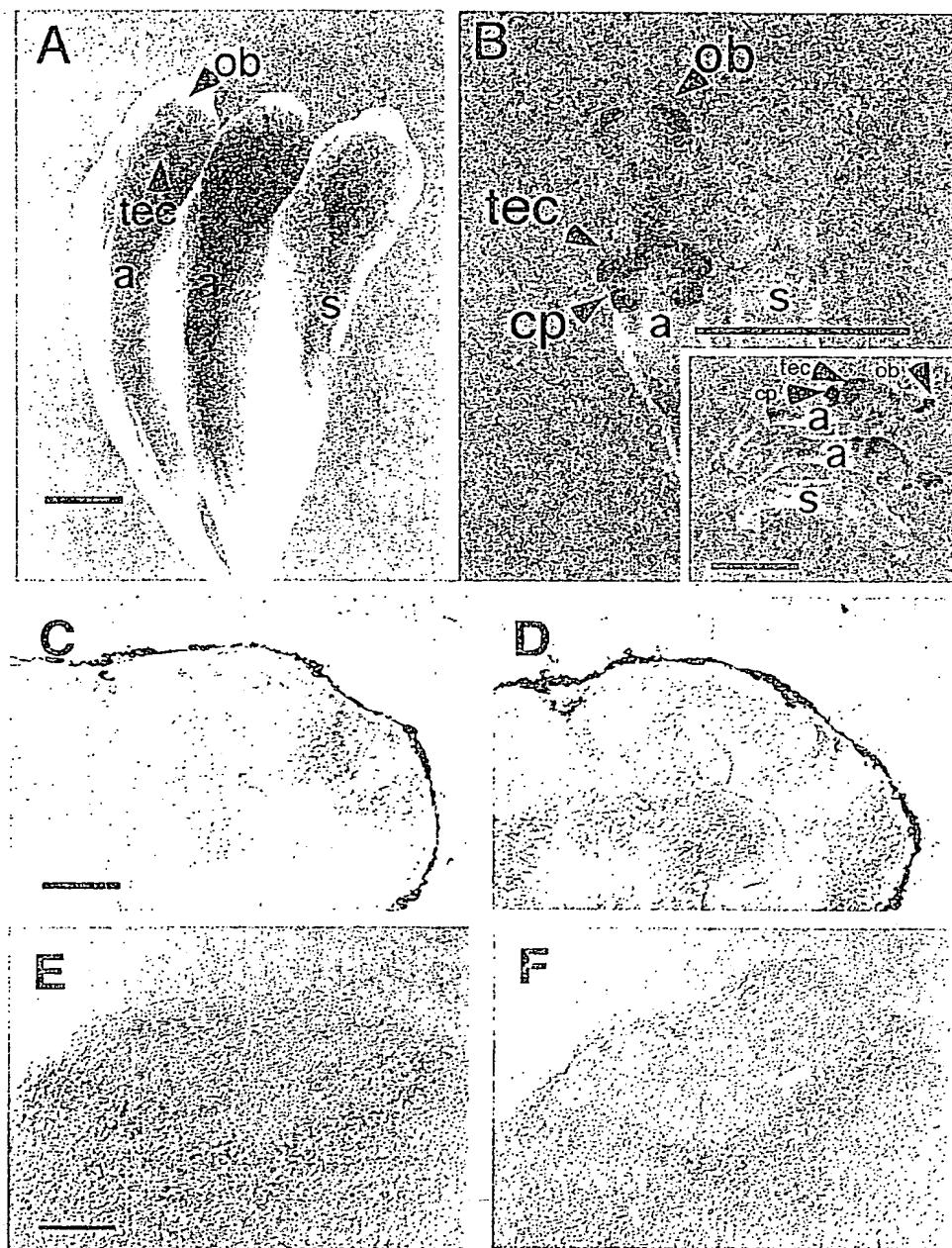


FIG.6

